

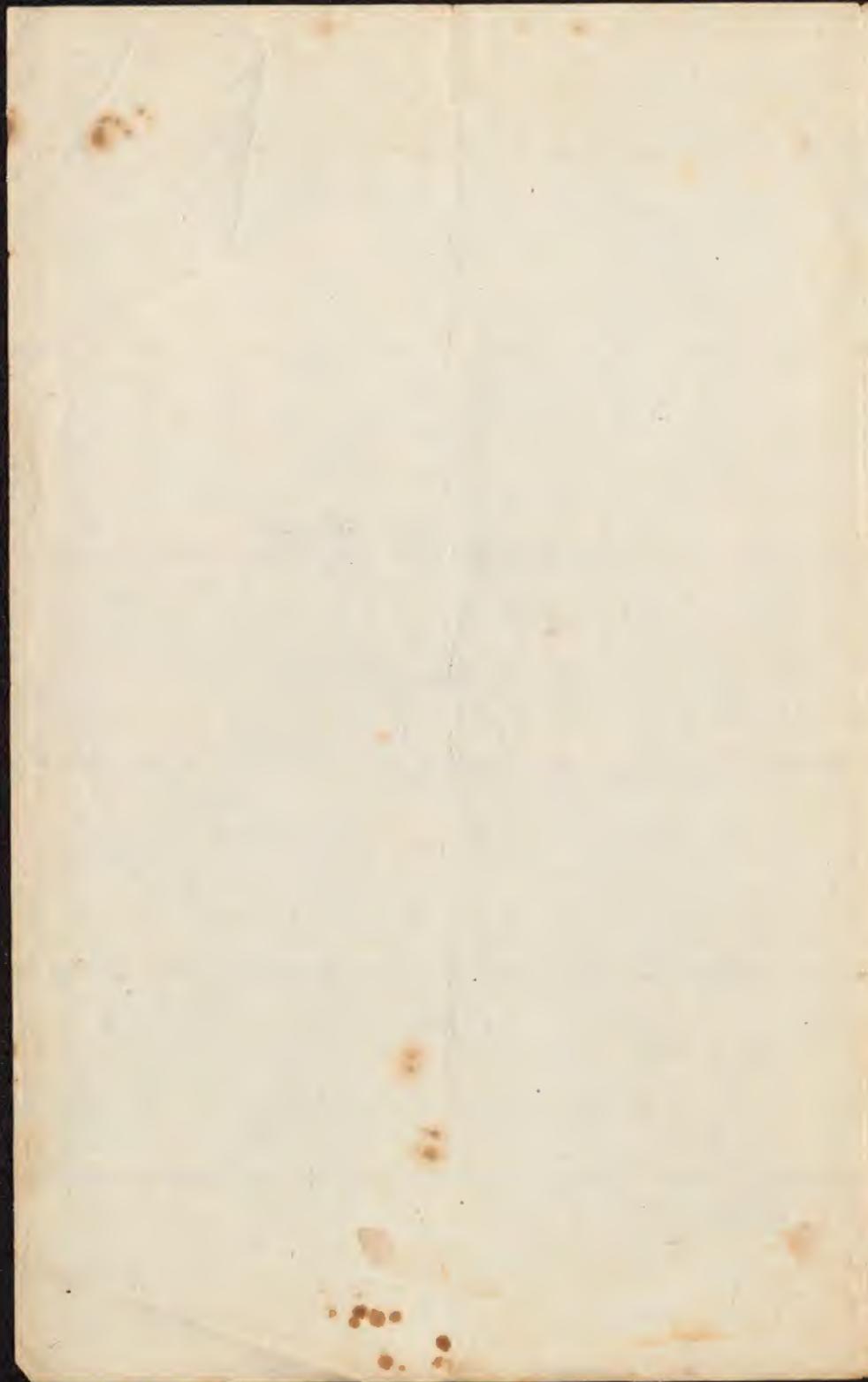
1858

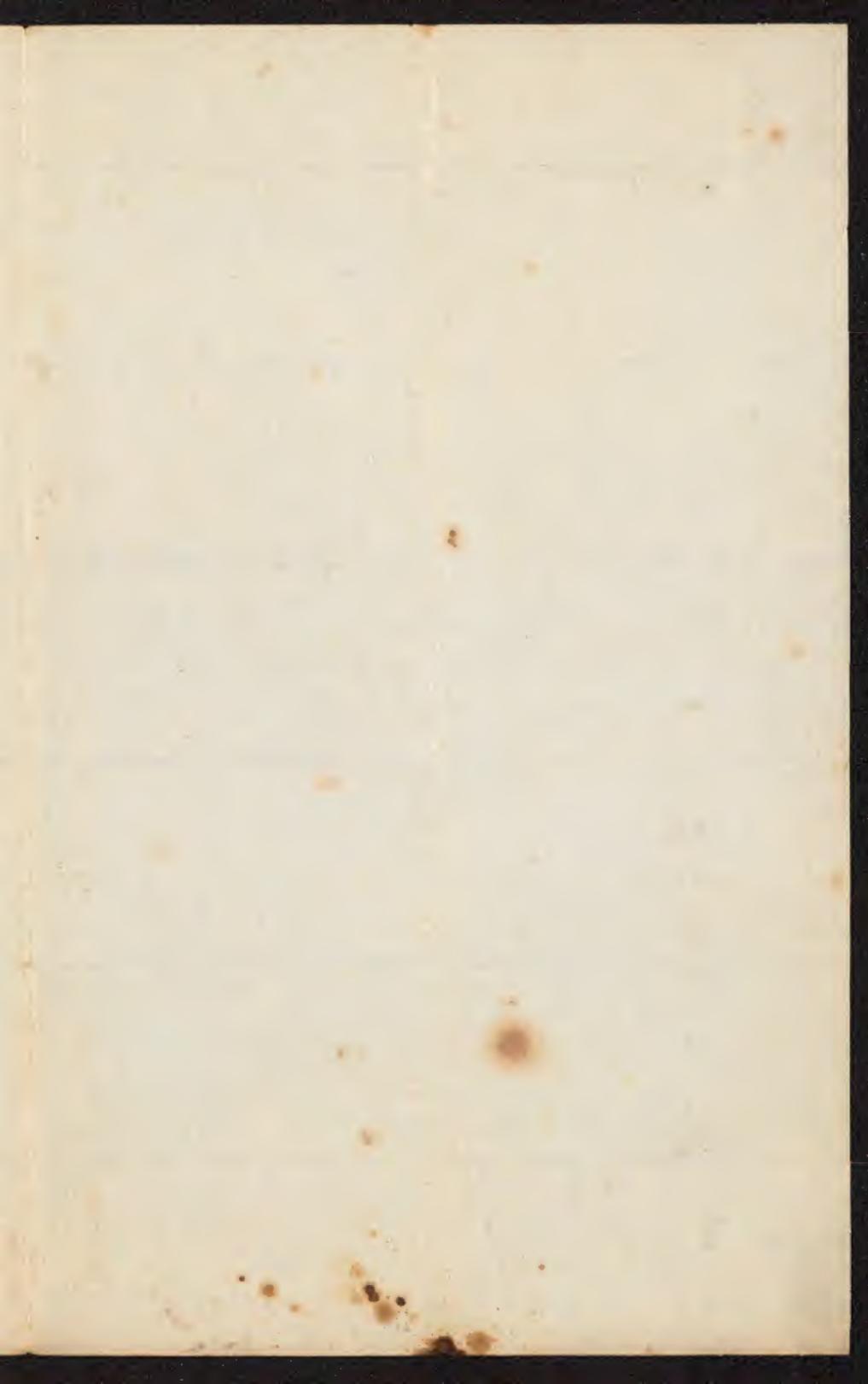
Biological

Lectures

1858

For Biol. Department  
of Acad. Nat. Sciences





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1858

## Questions, in Anatomy & Histology.

1 Is there, in comparative anatomy, any fixed relation between the size of the thyroid gland, and the development of the vocal apparatus?

Is the internal coat of the blood-vessels a serous, or a mucous tissue; or neither?

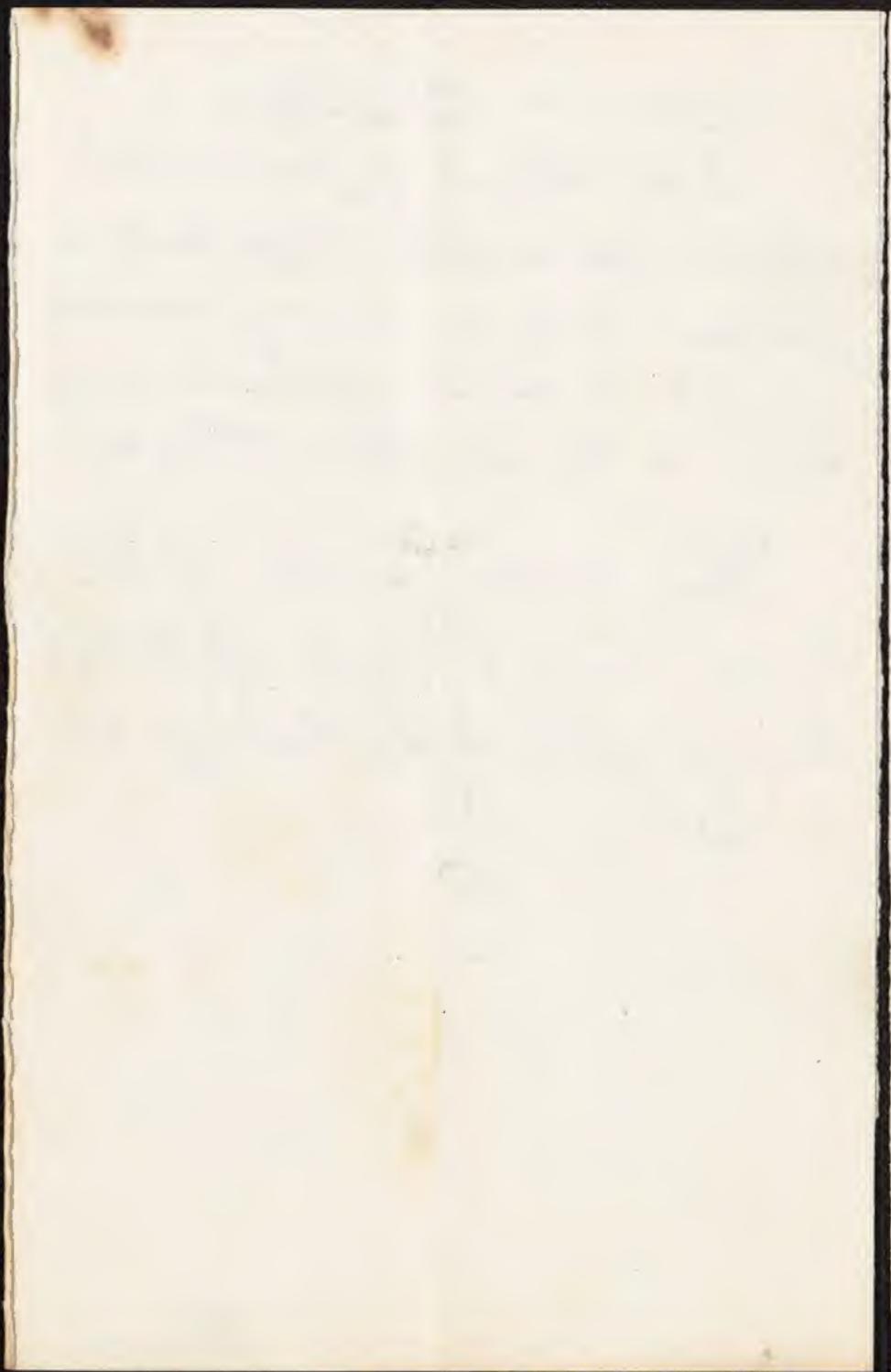
~~What would be the first schedule for a new and simple Anatomical Nomenc. Latus.?~~



Questions, in Micrology.

Is the statement of Jacobowitsch  
correct, - of the constant bipolarity or  
fusiform shape of sensory nerve-cells,  
- and of the presence of sensation-cells  
alone in the Médulla oblongata?

<sup>1</sup> Have the air-vesicles of the  
human lung a true epithelial  
lining, as asserted by Dr Radcliffe Hall,  
or not?



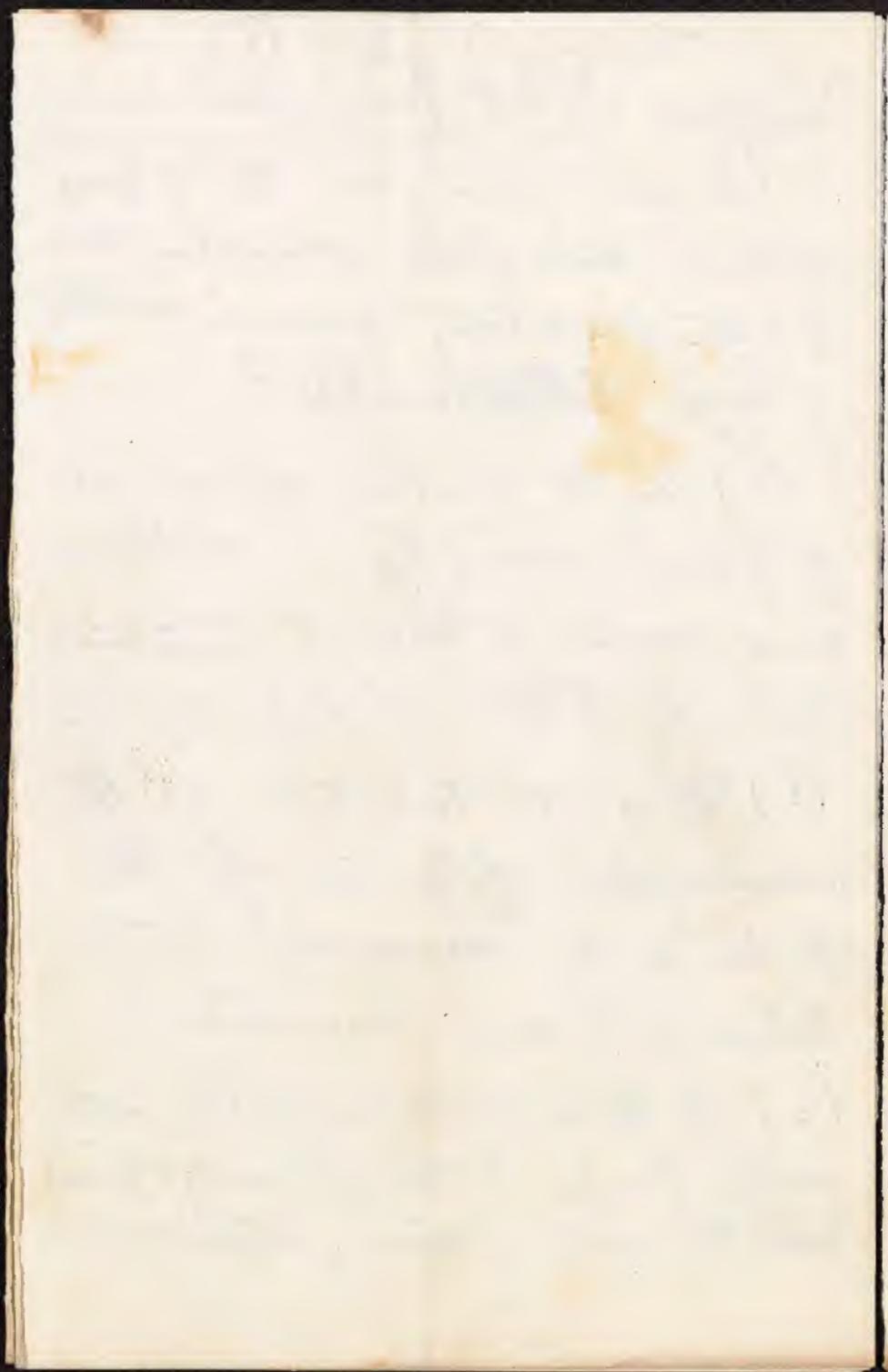
Q. Hygiene, (1) & in (2)  
Questions, in & Clin. Pathol., Path. Anatomy,

(1) In what relation does the ozone metric state of the atmosphere stand to the fluctuating general mortality of large ~~Cities~~ <sup>Communities</sup>?

(2) Are the morbid appearances of fatal meningitis in children most similar to those of membranous croup, or to those of pulmonary tuberculosis?

(2) What is the true value of the microscopical appearances of the sputa in the diagnosis between Phthisis & Chronic Bronchitis?

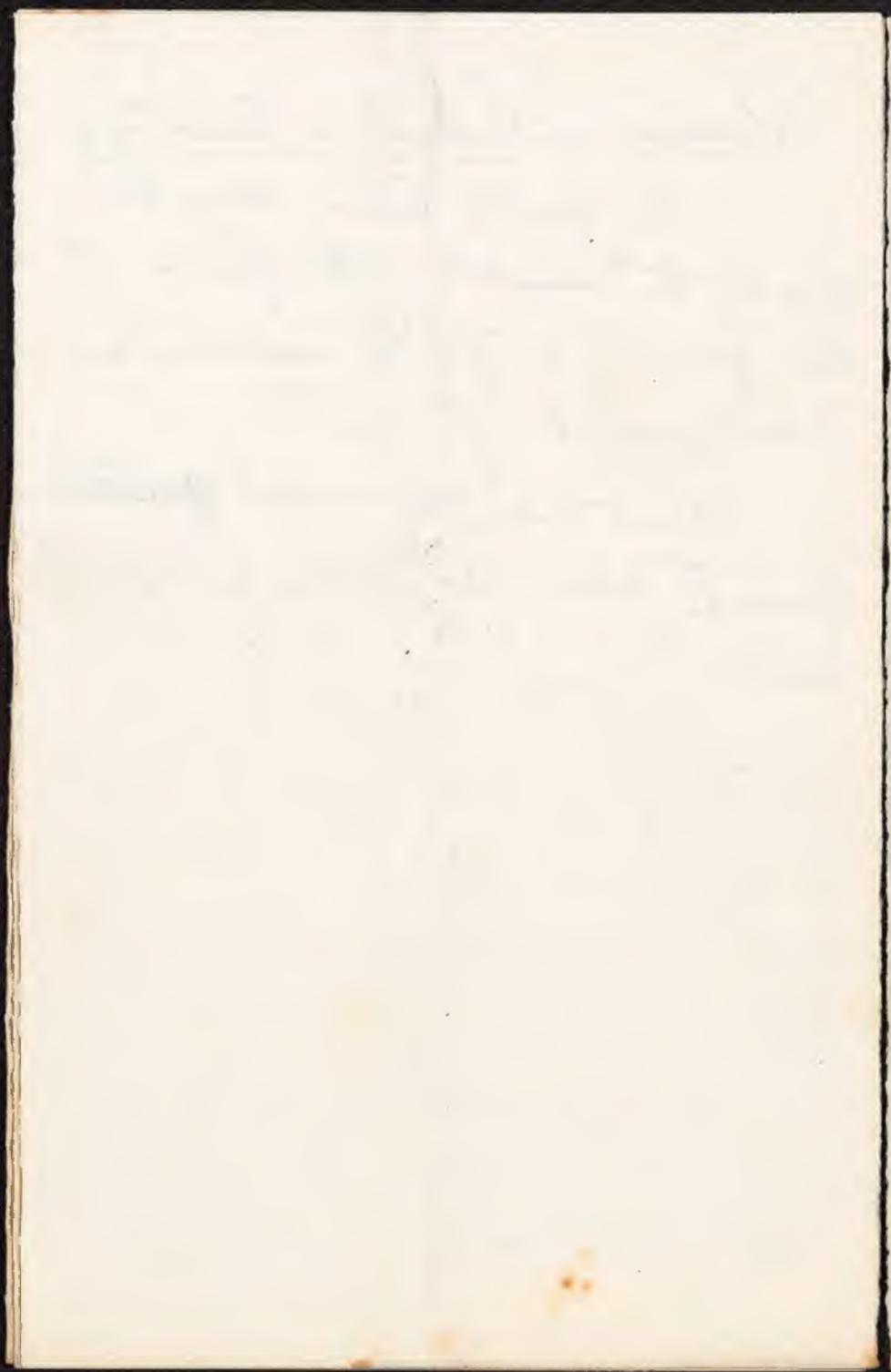
(2) Is the temperature of the body, at the axilla & under the tongue, really depressed during the chill of ordinary intermittent?



## Questions, in Embryol. & Teratology.

Are double human monsters usually the result of the fusion of two germs, or of the excessive development of one?

What are the most constant cranial characteristics of congenital idiots?



## Questions in Physiology.

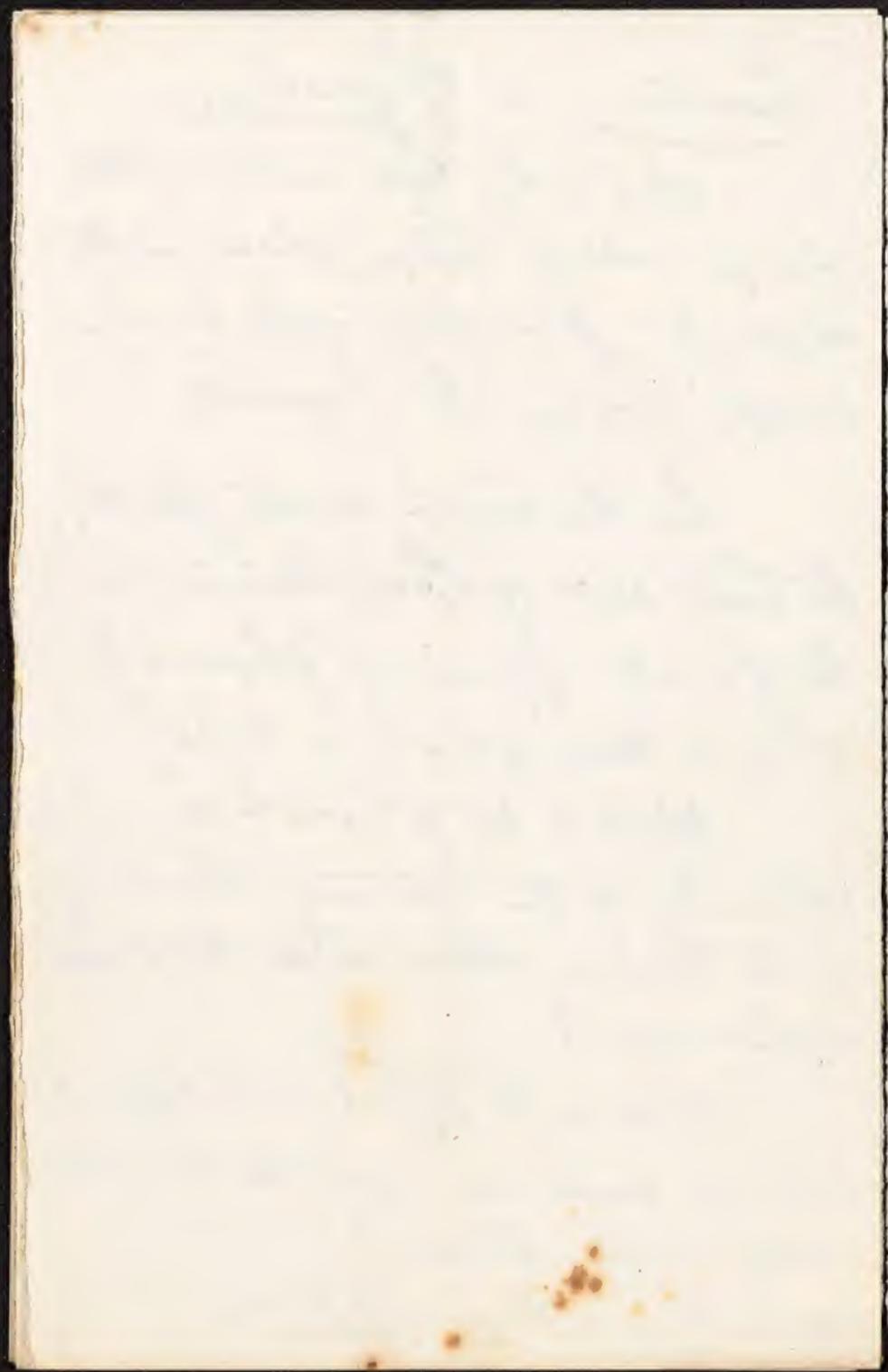
What is the true nature of the change which takes place in the shape & position of the human heart during its systole?

Is the rigor mortis, strictly, the last act of living tissue, or the first effect of physical change in that which is dead?

What is the physiological rationale of the tanning & browning of the human skin under the sun's influence?

What is the <sup>comparative</sup> effect of the different salts of ammonia upon the coagulability of the blood?

~~Waves in River~~



Questions, in Organic Chemistry.

What is the practical value  
of Farrods Elucometer?

Do Quina, Cinchona,  
strychnia & Morphia, taken inter-  
nally, cause a retardation of  
the Metamorphosis of tissue?

1 What are the most constant  
variations in the excreta, during  
Inflammation and Fever?

